



# ZIEGLER CHEMICAL & MINERAL CORP.

100 JERICHO QUADRANGLE, JERICHO, NEW YORK 11753

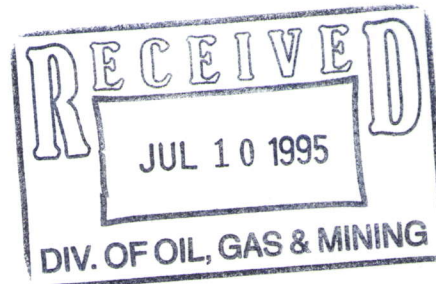
TEL: 516-681-9600

FAX: 516-681-9604

5/647/063

July 6, 1995

Division of Oil  
Gas & Mining  
State of Utah  
Suite 350  
3 Triad Center  
355 West North Temple  
Salt Lake City, UT 84180-1203

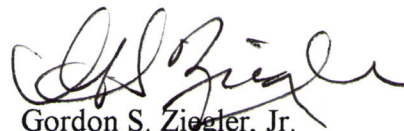


Gentlemen:

Enclosed please find a Mining Plan for Neal #1 State, Section 32 T11S-R24E, SLM, Uintah County, Utah.

Sincerely,

ZIEGLER CHEMICAL & MINERAL CORP.

  
Gordon S. Ziegler, Jr.  
President

GSZ:lz  
Enc.

**MINING PLAN FOR  
ZIEGLER CHEMICAL & MINERAL CORPORATION**

**GILSONITE MINE NEAL #1 STATE**

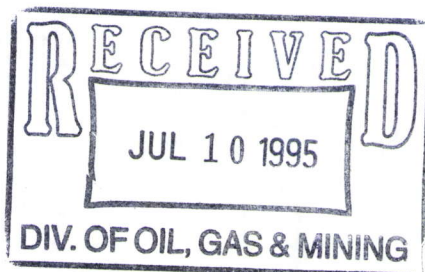
**SECTION 32 T11S-R24E, SLM  
UINTAH COUNTY, UTAH**

**BY**

**ROBERT E. COVINGTON  
CERTIFIED PROFESSIONAL GEOLOGIST  
NO, 1705**

**REPORT FOR:**

**GORDON S. ZIEGLER, JR. PRESIDENT  
ZIEGLER CHEMICAL & MINERAL CORP.  
JUNE 23, 1995**



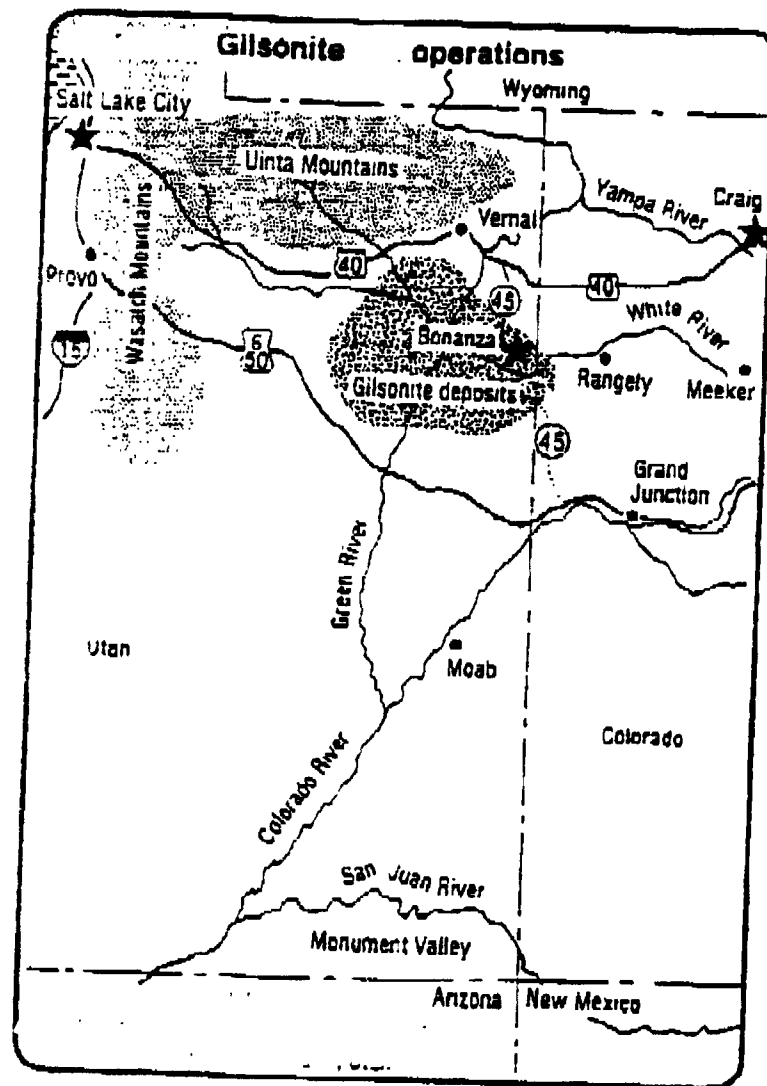


Figure 1. — Location map.





NARRATIVE OUTLINE OF PROPOSED MINING PLAN  
SMALL MINING OPERATION  
FOR  
ZIEGLER CHEMICAL & MINERAL CORPORATION

NEAL NO.1 STATE GILSONITE MINE  
SECTION 32, T11S-R24E, S1M  
UINTAH COUNTY, UTAH

R647-3 SMALL MINING OPERATIONS

R647-3-101 Notice of Intention to Commence Small Mining Operation

Ziegler Chemical & Mineral Corporation, with an address of 100 Jericho Quadrangle, Jericho, New York, 11753 herewith submits to the State of Utah Division of Oil, Gas & Mining Form MR-SMD (Revised 8/94) for the Ziegler Neal #1 State gilsonite mine.

The lease number is ML-46896.

The Operator is Ziegler Chemical & Mineral Corporation.

There is an oil, gas & hydrocarbon lease on most of Section 32 of Township 11 South - Range 24 East. It has been issued to Rosewood Resources, Inc., Suite 500, 100 Crescent Court, Dallas, TX 75201. A copy of this Notice of Intent will be mailed to them.

For a general description of geology and of type of operations, please refer to our report on the Cowboy vein, with its two revisions, a copy of which is in your files.

Accompanying this Notice of Intention is a lease map prepared by Uintah Engineering and Land Surveying which shows the planned location of the mine, the Ziegler gilsonite lease ML-46986 and existing roads. A portion of the 7 1/2" Topog map has been included.

The mined ore will be transported by truck to the Ziegler plant at Little Bonanza for processing and sacking.

The mining operation will not exceed 5.0 acres of surface disturbance. As stated above, the mine plan will be identical to the mine plan outlined in detail in the Cowboy Mine Plan, an underground mine utilizing the identical parameters set forth in that report.

Attached hereto is Form MR-SMD (Revised 8/94). A copy of these data is being sent to the Bureau of Land Management for their files.

BUD COVINGTON  
(801) 789-3233

Form MR-SMD  
(Revised 5-94)

This Section for DOGM Use:

Assigned DOGM File No.: S 1047106 3  
DOGM Lead: AAE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340  
Fax: (801) 359-3940

**NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS**

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

\*\*\*\*\*

1. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: Neal State #1

2. Name of Operator/Applicant: ZIEGLER CHEMICAL & MINERAL CORPORATION  
Company ( ) Corporation (X) Partnership ( ) Individual ( )

3. Permanent Address: 100 Jericho Quadrangle  
City: Jericho State: New York Zip Code: 11753  
Telephone Number: (516) 681-9600 FAX: (516) 681-9604

4. Ownership of Land Surface:

Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐  
State Trust Land/School Sections ☒ State Sovereign Lands ☐  
Other (please describe): \_\_\_\_\_

5. Ownership of Minerals:

Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐  
State Trust Land/School Sections ☒ State Sovereign Lands ☐  
Other (please describe): \_\_\_\_\_

Utah Mining Claim Number(s): \_\_\_\_\_

DIV OIL GAS &amp; MINING

TEL: 801-359-3940

Jun 23, 95 13:39 No. 015 P.02

Form MR-SMO

Page 3

Utah State Lease Number(s): ML-46896

Name of Lessee(s) ZIEGLER CHEMICAL & MINERAL CORPORATION

6. Have the above surface and mineral owners been notified in writing?  
Yes x No

**If no, why not?**

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes X No \_\_\_\_\_

## II. PROJECT LOCATION & MAP (Rule R647-3-105)

1. **Project Location (legal description):**

County(ies): UINTAH

NE 1/4, of NW 1/4, of SW 1/4: Section: 32 Township: 11S Range: 24E  
 1/4, of 1/4, of 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
 1/4, of 1/4, of 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.

### III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface ☐ Underground ☒

2. Mineral(s) to be mined: GILSONITE

3. Provide a brief description of the proposed mining operation and onsite processing facilities. SEE GEOLOGIC AND ENGINEERING REPORT SUBMITTED TO THE STATE OF UTAH DIVISION OF OIL, GAS & MINING AND APPROVED ON 2-12-94 ON THE COWBOY GILSONITE MINING OPERATION, FEDERAL LSE. U-0122693 SECTION 32, T8S-R24E, S1M, UTAH CO., UTAH WHICH DETAILS ALL PROPOSED MINING OPERATIONS AND CONFORMS WITH ALL STATE AND FEDERAL REGULATIONS.



DIV OIL GAS &amp; MINING

TEL: 801-359-3940

Jun 23.95 13:39 No.015 P.03

Form MR-SMO

☒ New Road(s): Length 1000 (ft) Width 14 (ft)☐ Improved Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)Total project surface acreage to be disturbed: 4.8 (acres)Proposed startup date of project (month, year) July, 1995

Proposed completion date of project, if known (month, year) \_\_\_\_\_

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

Form MR-SMO

Page 4

V. VARIANCE REQUEST (Rule R647-3-110)Yes ☐ No ☒

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

| <u>Item Number</u> | <u>Variance Request Justification</u> |
|--------------------|---------------------------------------|
| _____              | <u>NONE</u>                           |
| _____              | _____                                 |
| _____              | _____                                 |
| _____              | _____                                 |

VI. SIGNATURE REQUIREMENT

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant:

Name (typed or printed):

Title/Position (if applicable):

Date:

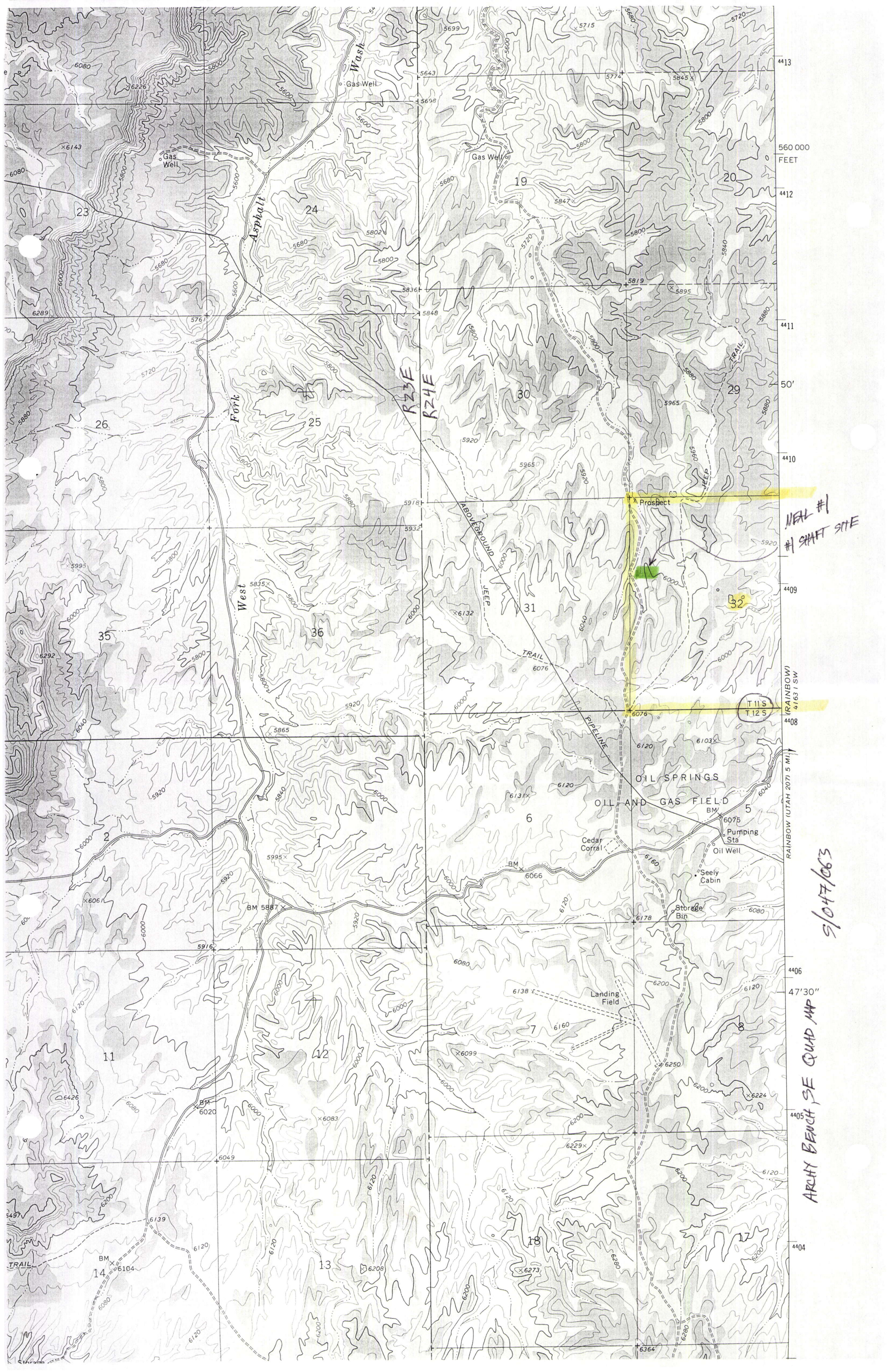
  
GORDON S. ZIEGLER

PRESIDENT

JUNE 26, 1995

JMR-SMO





NEAL #1  
#1 SHAFT SITE

T11S  
T12S

9/04/06

ARCH BEACH SE QUAD MAP







N/047/013

7/6/95

115 2415

32

N $\frac{1}{2}$  NW NE SW

MINING PLAN FOR NEAL # STATE

~~Tony Giorgous~~

ZIEGLER'S PLAN

LOCATION CORRECTION

WHICH  
SITE?

VERN JONES

295-2871



7/6/95

5/047/063

**Jones Lease Service**

COMPLETE OIL LEASE SERVICES

P.O. BOX 753 - SALT LAKE CITY, UTAH 84110

VERN & DOROTHY JONES  
OWNERS

HOME (801) 295-2871  
BLM 532-~~2038~~

9406